

Status Update

Pasco Landfill Site, Pasco, WA

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Prepared by: Chuck Gruenenfelder/WA State Dept of Ecology - ERO

The IWAG Group II recently submitted a *Revised Final Work Plan for Additional Interim Actions (AIA) – Phase I* (May 5, 2008). This AIA work plan describes characterization and monitoring activities intended to address outstanding data gaps and data needs. The need for additional characterization and monitoring information was recognized during review of the January 31, 2007 *Interim Action Performance Monitoring Report*, and during review of subsequent reports and data submittals. A significant source-zone release event also was recognized in fall 2007. SVE and groundwater monitoring data collected during and after the release event highlighted the need to better understand remedial system effectiveness, and contaminant fate and transport.

Major Phase I AIA assessment activities will include the following:

- Expanding the existing groundwater monitoring network to better evaluate spatial and vertical distribution of contaminants near the source area,
- Evaluating alternative modes of operation for the existing soil vapor extraction system to identify possible performance and optimization improvements
- Evaluating the effectiveness and operational efficacy of the existing NoVOCs in-well stripping and recirculation system to remove groundwater VOCs and mediate in-situ cometabolic biodegradation of contaminants
- Refining the conceptual site model.

The Phase I AIA data collection activities will begin in May 2008. A Phase I AIA Report of Findings will be submitted in early 2009. Findings from the Phase I activities will determine whether subsequent AIA phases would be required to further address critical data gaps, and support selection of a final site remedy.

During site inspections in late 2007, several areas of subsidence were noted on the Industrial Waste Zone A cap system. The magnitude of the subsidence was serious enough to warrant concerns regarding impacts to the integrity of the cap system. In response to these findings, the IWAG Group II developed a series of focused investigation and monitoring activities to better address the nature, magnitude, and underlying cause(s) for the subsidence. Subsidence assessment activities will commence in May 2008. Data and information from these activities will be used to develop and implement appropriate repair and maintenance actions.

With the information currently available, and based on our best projections, Ecology anticipates development of a Cleanup Action Plan (CAP) by 2010, followed by design, installation and full activation of a final site remedy by 2011.